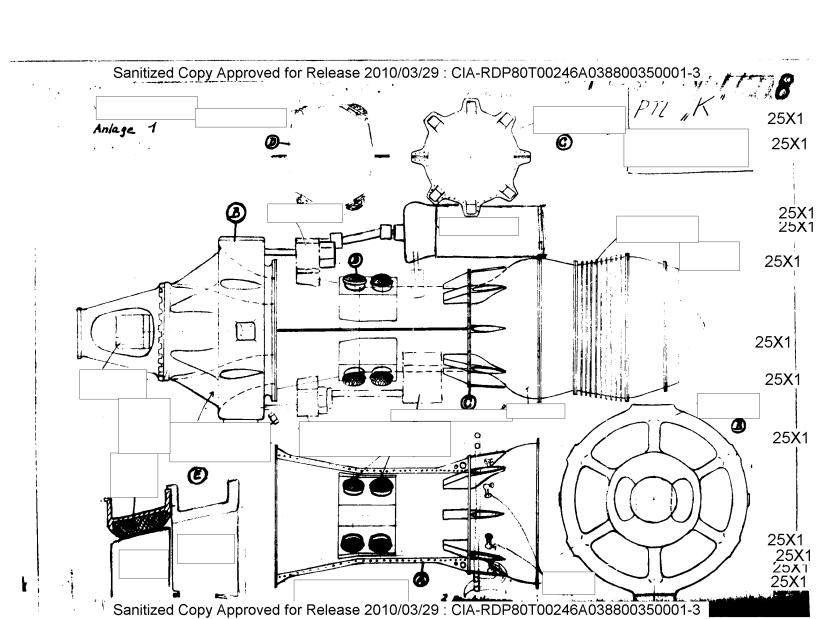
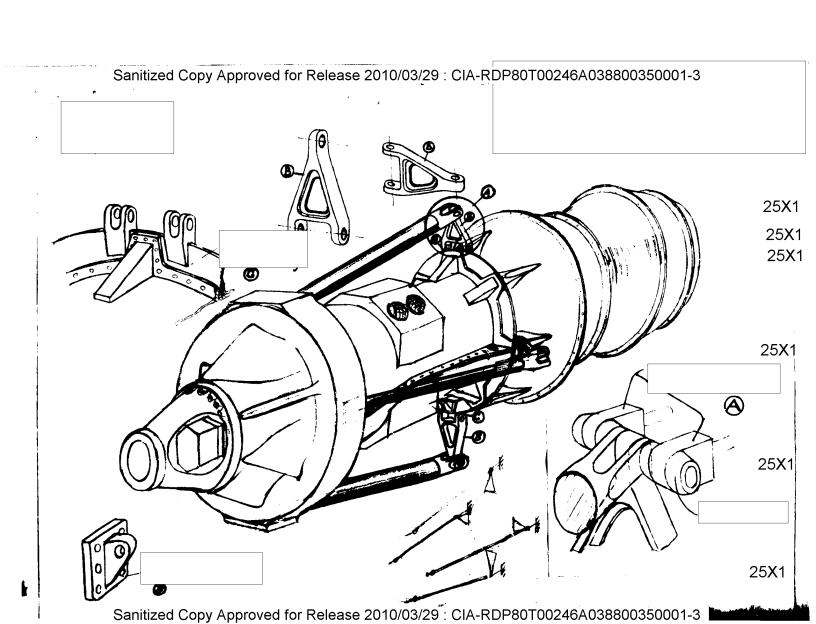
## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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OUNTRY	USSR		REPORT	'
JBJECT		pecifications of the	DATE DISTR.	10 November 1957
		K Turboprop Engine of the NK-12-Type	NO. PAGES	1
	Turboprop E	ngine at Bezymyanka	REQUIREMENT	
		Heat Resistant Material lopment of Metal Addition		RD / Ed
ATE OF	4. Soviet Deve for Fuel	lopment of Metal Additi	iverEFERENCES	11-
LACE &				25X1
ATE ACQ		ATIONS ARE DEFINITIVE. APPI	RAISAL OF CONTE	ENT IS TENTATIVE.
	production of the	022 K turboprop engine	e, and two ske	chnical specifications and ctches of the engine itself
2.	and should the GD	there is a shortage of R be supplied with such is no further discussion	n materials it	unt materials in the USSR would be prejudicial to 25%
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<b>.</b>	additives. Aluminand an indication in this field would	nium and borine (sic: was made that the acqu	Piculties in do boron?) have assition of resto the USSR.	eveloping fuels with metal been utilized unsuccessfully sults of Western developments No information is presented ditives.
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<b>.</b>	additives. Aluminand an indication in this field would	nium and borine (sic: was made that the acqu ld be very desirable t ture of any tests invol	Piculties in do boron?) have assition of resto the USSR.	eveloping fuels with metal been utilized unsuccessfully sults of Western developments No information is presented ditives.

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Sec. 1

MOFORN

COUNTRY

USSR/Bast Cernany

SUBJECT

NK-12 Type Turboprop of Soviet Make and Information on the Soviet Aircraft Industry. DATE OF REPORT25 June 1957

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LAST REPORT ON SUBJECT (H applicable)

ANNEXES

(M.M.?)

1. On the secondon of the 1957 Loipzig Spring Fals, Conordainth and a Soviet delegation stayed in the CDR for a possed of la days. During this period, he visited the Verwaltung der Laftfahrt-Ladustric (Administration of the Aircraft Industry) (VLI) in Pirna. No was obviously impressed by the improvements in the field of development of power waits. He spoke highly of Dr. Schoinest and Coming Conduct while he disapproved of the specialists in the field of aircraft development opecality Director Program.

2.

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- a. The mass-production of Mi-12 type turboprops had been started at Works No 24 in Betsympenka. This turboprop has a period of exception of 250 hours between the individual complete eventuals. One destroy (fru) (phonetic spelling) was chief designer of Works No 24 and he was praised by General Lukin. The laboriers of this plant was estimated at 20,000 to 25,000 men. In 1950, 25 to 30 segime test stands were available there.
- b. As in the U.S. attempts are being made in the USSA mot to use the supersonic compressor since it is only efficient under cortain circumstances.
- c. There is a shortage in highly heat-resistant meterials in the USSR. It was mentioned that, if the GDR would be supplied with such materials, it would be a sacrifice for the USSR.
- d. Lukin was very interested in fuels with motel additives. He stated that unsuccessful experiments in this field were made in the USSA two years ago. At first, fruitless tests had been made with eluminist additive. Experiments with boring combinations, which had been somewhat unsuccessfully, being made. Lukin asked for the pronouncement of as much information on fuels with metal additives as possible forthe West.
- e. The Half will be equipped with four NK-A type turbeprope. This sugine had been tested at the plant for 200 hours. India mentioned that this turbeprop will be tested under state control in 1957. It can be assumed, however, that this statement is too customeries.

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wree 2,500 who ad been L. O c.h.p.	En Mal2 is the Soviet G.h.p. which had been d deported to the USSR. It appears probable the TO passongers and is s	loveloped by the Coxum The NK=4 type turbopr Lt II=18 18 the desig	m eciontists op hes about mation for the	25
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